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Substitute for form 1449A/PTO Complete if Known 10/826475 **Application Number** INSORMATION DISCLOSURE **Filing Date** Herewith STATEMENT BY APPLICANT **First Named Inventor** G. Glenn Henry (use as many sheets as necessary) Thomas A. Crispin **Terry Parks Group Art Unit Examiner Name** Sheet 1 2 Attorney Docket Number **CNTR.2223** 

Examiner	Cite	U.S. Patent D	ocument	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevan
Initials	No.1	Number	Kind Code <sup>2</sup>	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
/EZ/	AA	4316055		Feistel, Horst	02/16/1982	·
/EZ/	AB	5016276		Matumoto et al	05/14/1991	
/EZ/	AC	5218637		Angebaud et al	06/08/1993	
/EZ/	AD	5673319		Bellare et al	09/30/1997	
/EZ/	AE	5870470		Johnson et al	02/09/1999	
/ŁZ/	AF	6182216		Luyster, Frank C.	01/30/2001	
/EZ/	AG	6301362		Matyas, Jr. et al	10/09/2001	
/EZ/	AH	6324286		Lai et al	11/27/2001	
/EZ/	Al	6578150		Luyster, Frank C.	06/10/2003	*
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	FOREIGN PATENT DOCUMENTS						
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3	(use as many sheets as necessary			First Named Inventor	G. Glenn Henry Thomas A. Crispin Terry Parks	
				Group Art Unit		
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Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

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		OTHER PRIOR ART-NON PATER	NT LITERATUR	E DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the symposium, catalog, etc.), date, page(s), volume-issue number(s	e article (when appropriate ), publisher, city and/or co	e), title of the item (book, magazine, journat, serial untry where published.	L,
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/826475
Filing Date	04/16/04
First Named Inventor	G. GLENN HENRY
Group Art Unit	2131
Examiner Name	UNKNOWN
Attorney Docket Number	CNTR.2223

Complete if Known

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*	No.¹	Number-Kind Code <sup>2(fl known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
/EZ/		5666411	09-09-1997	McCarty, Johnnie C.			
/EZ/		4633388	12-30-1986	Chiu, Ming-Yee			
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	FOREIGN PATENT DOCUMENTS							
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/EZ/	AA	EP1298518A2	04-02-2003	Tokyo Shibaura Electric		$\Box$		
/EZ/	AB	EP1202150A2	05-02-2002	Tokyo Shibaura Electric		T		
/EZ/	AC	DE3432721A1 (English-language version of the search report or action which indicates the degree of relevance found by the foreign office is attached.)	03-06-1986	Hahn, Ruediger				
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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/826475 INFORMATION DISCLOSURE Filing Date 04/16/04 First Named Inventor STATEMENT BY APPLICANT **G. GLENN HENRY Group Art Unit** 2131 (use as many sheets as necessary **Examiner Name** UNKNOWN Sheet **Attorney Docket Number** CNTR.2223

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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			U.S. PATENT	F DOCUMENTS	
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Initials*	No.¹	Number-Kind Code <sup>2(# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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/EZ/	AA	WO0076119A1	12-14-2000	Daniel Z. Simon					
/EZ/	AB	EP0913767A2	05-06-1999	Moyer et al.					
/EZ/	AC	JP57176457 (abstract)	10-29-1982	Kato Takeshi					
/EZ/	AD	WO0144900A2	6-21-2001	Fleming et al.					
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				Group Art Unit	2131	
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Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

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/EZ/	ВА	SCHNEIER. "Applied Cryptography, Protocols, Algorithms and Source Code in C." 2nd edition 2.3 One Way Funtions Applied Cryptography. 18 October 1995. pages 29-31, 193. XP002224472.	
/EZ/	BB	RECHENBERG et al. "Informatik-Handbuch" INFORMATIK-HANDBUCH, 2002, XP0023666659. page 304 - page 324.	L
/EZ/	вс	INSTITUTE FOR APPLIED INFORMATION PROCESSING AND COMMUNICATIONS, TU GRAZ: "Cryptographic Logic Unit /Crypto Unit Macrocell Webpages." CRYPTOGRAPHIC REDUCED INSTRUCTION SET PROCESSOR SMARTCARD, online 12 April 2000. XP00236660 Retrieved from the Internet: URL: http://web.archive.org/web/20000412010535 http://www.iaik.tu-graz.ac.at/Research/VLSI/CRISP/crisp.htm retrieved on 2006-02-07! page 8	
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Sheet	1	of	1	Attorney Docket Number	CNTR.2223	

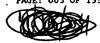
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/EZ/		ULMANN, B. "Designing a NICE Processor." Microprocessors and Microsystems, IPC Business Press LTD. London, GB. Vol. 23, No. 5. 25 October 1999. Pages 257-264. XP004321479 ISSN: 0141-9331.	F			
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STATEM	ENT BY AP	PLIC/	ANT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2135	
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Sheet	1	of	2	Attorney Docket Number	CNTR.2223	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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INFORM	ATION DIS	CLOSU	RE	Filing Date	04/16/04	
STATEM	IENT BY A	PPLICA	NT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2135	
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Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

Examiner Initials    Cite No.    Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  WU et al. "CryptoManlac: a fast flexible architecture for secure communication." Proceedings of the 28th. International	T²
Cite   Check, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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/EZ/ BD DAEMON J et al. "AES Proposal: RIJNDAEL." AES Proposal 09/03/1999. pages 1-45, XP001060386	

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Signature	/Luwaru Zee/	Considered	04/02/2001

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	U.S. PATENT DOCUMENTS						
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/EZ/	AA	WO0184769A	11-08-2001	Lindemann et al.				
		CN1431584A (US20030172252A1 is an						
	AB	English-Language Equivalent Application)	07-23-2003	Henry et al.				
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STATEM	STATEMENT BY APPLICANT				G. Glenn Henry	
				Group Art Unit	2135	
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/EZ/	BA	TONG et al. "A system level implementation of Rijndael on a memory-slot based FPGA card." Field-Programmable Technology, 2002. (FPT). 16 December 2002 (2002-12-16), pages 102-109, XP010636515 ISBN: 0-7803-7574-2						
/EZ/	вв	TAYLOR D E et al. "Dynamic Hardware Plugins: Exploiting Reconfigurable Hardware for High-Performance Programmable Routers." Computer Networks, Elsevier Science Publishers B.V., Amsterdam, NL, vol. 38, no. 3. 21 February 2002 pages 295-310. XP004333786. ISSN: 1389-1286						
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	U.S. PATENT DOCUMENTS							
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Initials*	No.¹	Number-Kind Code <sup>2(# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
/EZ/		20030202658	10-30-2003	Ingrid Verbauwhede				
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				Application Number	10/826475	
INFORM	<b>ATION DISC</b>	CLOSI	JRE	Filing Date	04/16/04	
STATEM	IENT BY AP	PLIC	ANT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2135	
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Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

		NON PATENT LITERATURE DOCUMENTS	_
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/EZ/		MCKINNON et al. "A Configurable Middleware Framework with Multiple Quality of Service Properties for Small Embedded Systems." NETWORK COMPUTING AND APPLICATIONS, 2003. NCA 2003. SECOND IEEE INTERNATIONAL SYMPOSIUM ON 16-18 APRIL 2003, PISCATAWAY, NJ, USA IEEE, 16 APRIL 2003. Pages 197-204, XP010640251 ISBN: 0-7695-1938-5	
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		Application Number	10/826475			
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			ANT	First Named Inventor	G. Glenn Henry	
	STATEMENT BY APPLICANT  (use as many sheets as necessary		Group Art Unit	2135		
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. Sheet 1 of 1			1	Attorney Docket Number	CNTR.2223	

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Substitute for form 1449A/P	то			Application Number	10826475	
INFORM	ATION DIS	CLOSI	JRE	Filing Date	4/16/2004	
				First Named Inventor	G. Glenn Henry	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary  Sheet 1 of 2		Group Art Unit	2135		
(use as	many sheets as	necessary		Examiner Name	Kim Y. Vu	
Sheet	1	of	2	Attorney Docket Number	CNTR.2223	

			U.S. PATENT	DOCUMENTS	
Examiner Cite	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.	Number-Kind Code <sup>2(s known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		4168396 .	09-18-1979	Robert M. Best	
/EZ/		4278837	07-14-1981	Robert M. Best	
/EZ/		4465901	08-14-1984	Robert M. Best	
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Substitute for form 1449A/PTO				Application Number	10826475	
INFORMA	TION DIS	SCLOSUR	E	Filing Date	4/16/2004	
STATEMENT BY APPLICANT				First Named Inventor	G. Glenn Henry	
			•	Group Art Unit	2135	
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Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

		NON PATENT LITERATURE DOCUMENTS							
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
/EZ/	AA	Dimond et al. "Application-specific Customisation of Multi-Threaded Soft Processors." Computers and Digital Techniques. IEEE Proceedings. Volume 153, Issue 3. 2 May 2006. Pages 173-180.							
/EZ/	AB	Anderson et al. "Cryptographic Processors - A Survey." Proceedings of the IEEE. Volume 94, Issue 2. Feb. 2006. Pages 357-369.							
/EZ/	AC	Eberle et al. "Architectural Extensions for Elliptic Curve Cryptography over GF(2 <sup>th</sup> ) on 8-bit Microprocessors." Application- Specific Systems. Architecture Processors. 2005. ASAP 2005. 16th IEEE International Conference on 23-25 July 2005. Pages 343-349.							
/EZ/	AD	KUHN, Markus G. "Cipher Instruction Search Attack on the Bus-Encryption Security Microcontroller DS5002FP." Computers, IEEE Transactions on Volume 47, Issue 10. Oct. 1998. Pages 1153-1157.							
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Substitute for form 1449A/F	то			Application Number	10826475	
INFORM	ATION DIS	CLOSU	JRE	Filing Date	4/16/2004	
,-	ENT BY AF			First Named Inventor	G. Glenn Henry	
				Group Art Unit	2135	
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Sheet	1	of	2	Attorney Docket Number	CNTR.2223	

	U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures			
Initials*	No.'	Number-Kind Code <sup>2(# Imown)</sup>	MM-DD-YYYY	Applicant of Cited Document	Appear			
/EZ/		5633934	05-27-1997	John T. Hember	·			
/EZ/		4319079	03-09-1982	Robert M. Best				
TEZI		4888802	12-19-1989	Henry G. Cooney				
/EZ/		4386234	05-31-1983	Ehrsam et al.				
/EZ/		20020162026	10-31-2002	Neuman et al.				
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	FOREIGN PATENT DOCUMENTS								
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Substitute for form 1449A/PT	10			Application Number	10826475	
INFORMA	TION DIS	<b>CLOSUR</b>	<b>IE</b>	Filing Date	4/16/2004	
STATEME				First Named Inventor	G. Glenn Henry	
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/EZ/		FISCHER et al. "Two Methods of Rijndael Implementation in Reconfigurable Hardware." Springer-verlag Berlin Heidelberg 2001. CHES 2001. LNCS 2162. pp 77-92.	-						
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Initials*		Number-Kind Code <sup>2(# Inown)</sup>						
/EZ/		6983374	01-03-2006	Hashimoto et al.				
/EZ/		7073059	07-04-2006	Worely et al.				
/EZ/		6006328	12-21-1999	Christopher Nathan Drake				
/EZ/		7184549	02-27-2007	Sorimachi et al.				
/EZ/		7124302	10-17-2006	Ginter et al.				
/EZ/		7088826	08-08-2006	Houlberg et al.				
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